

148	178	208	238	268	298
FRI-1	ALLVFLDIIIEWTTQETFPKYLHVPETGRQLLCDKCAPGTYLKQHCTVRRKTL	CVPCPD			
			: :		: :
SW: TNR2_HUMAN	HALPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHA	KVFCTKTS	SDTV	CDCSE	D
	30	40	50	60	70
	80				
328					
FRI-1	YSYTD	SWHTS			
	: : :				
SW: TNR2_HUMAN	STYTQLWNWVPECLSCGRSSDQVETQACTREQNRICTRPGWYCALSKQEG	CRLCAPL			
	90	100	110	120	130
	140				

FRI-1	69	YLHYDPETGRQLLCDKCAPGTYLKQHC.TVRRKKTLCV.PCPDY.SYTDWS
	 : : . .
TNFR profile	6	YHYDQNGRMCEECHMCQPGHFLVKHCKQPKRDTVCHKPCEPGVTYTDW
FRI-1	116	H
TNFR profile	56	H
		Z Score = 8.29

BEST AVAILABLE COPY

Figure 1C

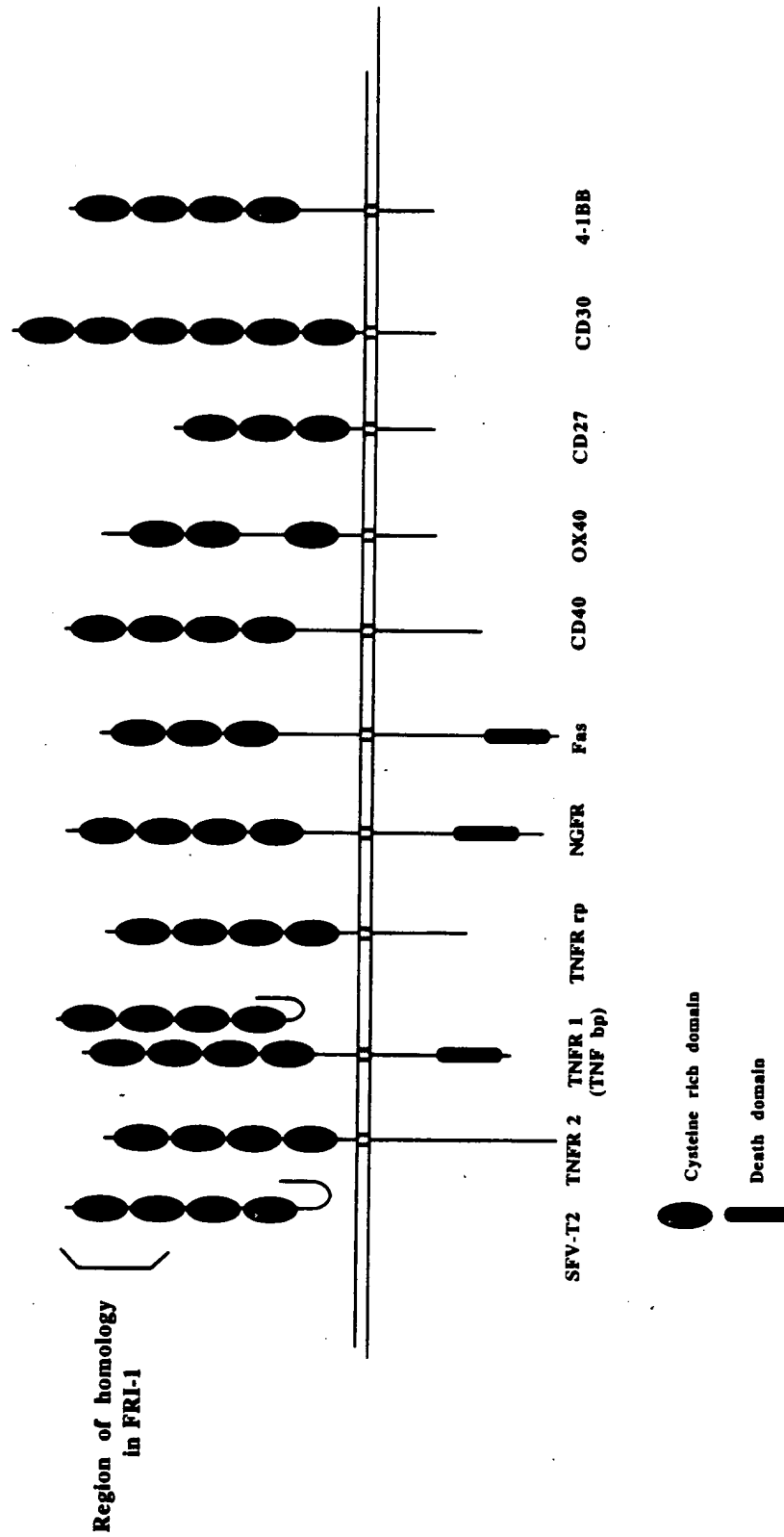


Figure 2A

JG TAG
 SP
 2B

10 30 50
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 70 90 110
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 130 150 170
 ACAATGAACAAGTGGCTGTGCTGTGCACTCTGGTGTCTTGGACATCATGGAATGGACA
 M N K W L C C A L L V F L D T E W T
 190 210 230
 ACCCAGGAAACCTTTCTCCAAAATCTTGCAATTATGACCCAGAAACCGGACGTCAGCTC
 T Q E T F P P K Y L H Y D P E T G R Q L
 250 270 290
 TTGTGTGACAAATGTGCTCCTGGCACCTACCTAAAACAGCACTGCACAGTCAGGAGGAAG
 L C D K C A P G T Y L K Q H C T V R R K
 310 330 350
 ACACGTGTGTCTCCCTTGCCCTGACTACTCTTATACAGACAGCTGGCACACGAGTGATGAA
 T L C V P C P D Y S Y T D S W H T S D E
 370 390 410
 TGCCTGTACTGACGCCCCGTGTGCAAGGAAGCTGCAGACCGTGAACAGAGTGCAACCGC
 C V Y C S P V C K E L Q T V K Q E C M R
 430 450 470
 ACCCACAACCGAGTGTGCGAATGTGAGGAAGGGCGCTACCTGGAGCTCGAATTCGTCTG
 T H N R V C E C E E G R Y L E L E F C L
 490 510 530
 AAGCACCGGAGCTGTCCCCAGGCTTGGGTGTGCTGCAGGCTGGGACCCAGAGCGAAAC
 K H R S C P P G L G V L Q A G T P E R N
 550 570 590
 ACGGTTTGCAAAAGATGTCCGGATGGGTTCTTCTCAGGTGAGACGTCATCGAAAGCACCC
 T V C K R C P D G F F S G E T S S K A P
 610 630 650
 TGTAGGAACACACCAACTGCAGCTCACTTGGCCTCCTGCTAATTCAGAAAGGAAATGCA
 C R K H T M C S S L G L L L I Q K G M A
 670 690 710
 ACACATGACAATGTATGTTCGGAAACAGAGAAGCAACTAAAATTTGGGAATAGATGTC
 T H D N V C S G N R E A T Q N C G I D V
 730 750 770
 ACCCTGTGCGAAGAGGCATTTCTCAGGTTTGTGTGCTGTGCTACCAAGATTATACCGAATGG
 T L C E E A F F R F A V P T K I I P N W
 790 810 830
 CTGAGTGTCTGTGAGACAGTTTGCCTGGGACCAAGTGAATGCAGAGAGTGTAGAGAGG
 L S V L V D S L P G T K V N A E S V E R
 850 870 890
 ATAAACCGGAGACACAGCTCGCAAGAGCAAACTTTCCAGCTACTTAAGCTGTGGAAGCAT
 I K R R H S S Q E Q T F Q L L K L W K H
 910 930 950
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 Q N R D Q E M V K K I I Q D I D L C E S
 970 990 1010
 AGTGTGCAACGGCATATCGGCCACGCGAACCTCACCACAGAGCAGCTCCGATCTTGATG
 S V Q R H I G H A M L T T E Q L R I L M
 1030 1050 1070
 GAGAGCTTGCCTGGGAAGAAGATCAGCCAGACGAGATTGAGAGAAGGAGAAAGACCTGC
 E S L P G K K I S P D E I E R T R K T C
 1090 1110 1130
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 K P S E Q L L K L L S L W R I K N G D Q
 1150 1170 1190
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 D T L K G L M Y A L K H L K A Y H F P K
 1210 1230 1250
 ACCGTCACCCACAGTCTGAGGAAGACCATCAGGTTCTTGACAGCTTCACCATGTACCGA
 T V T H S L R K T I R F L H S P T M Y R
 1270 1290 1310
 TTGTATCAGAAACTCTTTCTAGAAAATGATAGGAATCAGGTTCAATCAGTGAAGATAAGC
 L Y Q K L F L E M I G N Q V Q S V K I S
 1330 1350 1370
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 C L
 1390 1410 1430
 CAGATGGCTGCTTCTCCGGCTCTTGAATGGCAGTTGATTCCTTCTCATCAGTTGGTGG
 1450 1470 1490
 GAATGAAGATCCTCCAGCCCAACACACACTGGGGAGTCTGAGTCAGGAGAGTGAGGCA
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 1570 1590 1610
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 1630 1650 1670
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 1690 1710 1730
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 1750 1770 1790
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 1810 1830 1850
 AGTCTATGACATTTCTTTTCTACAATTCGTATCAGGTGCACGAGCCTTATCCCATTTGT
 1870 1890 1910
 AGGTTTCTAGGCAAGTTGACCGTTAGCTATTTTCTCCTCTGAAGATTGATTCGAGTTGC
 1930 1950 1970
 AGACTTGGCTAGACAAGCAGGGGTAGGTTATGGTAGTTTATTTAACAGACTGCCACCAGG
 1990 2010 2030
 AGTCCAGTGTCTTGTGTTCTCTGTAGTTGTACCTAAGCTGACTCCAAGTACATTTAGTA
 2050 2070 2090
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 2110 2130 2150
 ACTAAAAGAACTACTATATGGAGAAAGAAATGATATGCCCCCAACGTTCAACAAACCA
 2170 2190 2210
 ATAGTTTATCCAGCTGTATGCTGCTGCTCAGTGTCTACTGACTATGCGCCCTTATTATC
 2230 2250 2270
 TGCATGCAGTAATCAACTGGAATAGTAATAATAATAGAAATAAAATCTAGACTCC
 2290 2310 2330
 ATTGGATCTCTCTGAATATGGGAATATCTAACTTAAGAAGCTTTGAGATTTCAGTTGTGT
 2350 2370 2390
 TAAAGGCTTTTATTAAGAAAGCTGATGCTCTCTGTAAAAAGTTACTAATATATCTGTAAGA
 2410 2430
 CTATTACAGTATTGCTATTTATATCCATCCAG

FIGURE 2C

fas.frg	M	L	G	I	W	T	-	-	-	L	L	P	L	V	L	T	S	-	V	A	R	L	S	S	K	S	V	N	A	Q	V	T	D	I	N	S	K	G	-	L	E	L	R	R	K	T	V	T	V	E	45		
tnfr1.frg	-	M	G	L	S	T	V	P	D	L	L	P	L	V	L	L	E	L	V	G	I	Y	P	S	G	V	I	G	L	V	P	H	-	-	-	S	K	G	-	L	E	L	R	R	K	T	V	T	V	E	44		
sfr-t2.frg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	L	R	L	I	A	L	L	V	C	-	V	-	V	-	V	-	-	-	-	-	-	-	-	-	-	-	43		
tnfr2.frg	-	-	-	-	-	-	-	-	-	-	M	A	P	V	A	V	W	A	A	L	A	V	G	L	E	L	W	A	A	A	H	A	L	P	A	Q	V	A	E	T	P	Y	A	P	E	P	G	S	T	39			
cd40.frg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	V	S	L	P	R	L	C	A	L	W	G	C	L	L	T	A	V	H	E	L	G	Q	C	V	T	C	S	D	28				
osteo.frg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	N	K	W	L	C	C	A	L	L	V	F	L	D	I	I	E	W	T	T	Q	E	T	F	P	P	26				
ngfr.frg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	G	A	G	A	T	G	R	A	M	D	G	P	R	L	L	L	L	L	L	G	V	S	L	G	-	G	A	K	E	A	C	P	T	34			
ox40.frg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	Y	V	W	V	Q	Q	P	T	A	F	L	L	L	L	L	G	V	S	L	G	-	V	T	V	K	L	N	C	V	K	28
4lbb.frg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	G	N	N	C	Y	N	V	V	V	I	V	L	L	L	L	G	V	C	E	K	V	G	A	V	O	25			

fas.frg	T	Q	N	L	E	G	L	H	H	D	G	Q	F	C	H	K	P	C	P	P	G	E	R	K	A	R	D	C	V	N	G	D	E	P	D	C	V	P	C	C	E	G	K	E	Y	T	D	S	K	A	95					
tnfr1.frg	P	Q	G	K	Y	I	H	P	Q	N	N	S	I	C	C	T	K	C	H	K	G	T	Y	L	Y	N	D	C	P	G	P	G	S	N	T	V	C	S	P	C	-	E	D	S	G	S	T	F	T	A	S	E	T	N	N	96
sfv-t2.frg	G	K	C	G	G	H	D	Y	E	K	D	G	L	C	C	A	S	C	H	P	G	F	Y	A	S	R	L	C	C	G	P	G	S	N	T	V	C	S	P	C	-	E	D	S	G	S	T	F	T	A	S	L	N	N	97	
tnfr2.frg	C	R	L	R	E	Y	Y	D	Q	T	A	Q	M	C	C	C	S	K	C	S	P	G	Q	H	A	K	V	F	C	C	T	A	L	R	K	T	V	C	S	D	-	E	D	S	G	S	T	F	T	A	S	L	N	N	98	
cd40.frg	K	Q	Y	L	H	D	G	Q	C	-	-	-	-	-	C	D	L	K	C	Q	P	G	S	R	L	T	K	S	H	C	C	T	A	L	R	K	T	V	C	S	D	-	E	D	S	G	S	T	F	T	A	S	L	N	N	99
osteo.frg	K	Y	L	H	Y	D	P	E	T	G	R	Q	L	L	C	C	K	A	C	A	P	G	T	Y	L	K	Q	H	C	C	T	V	R	R	K	T	V	C	S	D	-	E	D	S	G	S	T	F	T	A	S	L	N	N	100	
ngfr.frg	G	L	Y	T	H	S	G	E	-	-	-	-	-	-	C	C	K	A	C	N	L	G	E	G	V	A	Q	P	R	C	C	G	-	A	N	D	T	V	C	S	D	-	E	D	S	G	S	T	F	T	A	S	L	N	N	101
ox40.frg	D	T	Y	P	S	G	H	K	-	-	-	-	-	-	C	C	R	E	C	Q	P	G	H	G	M	V	S	R	C	C	D	-	H	T	-	N	P	V	C	S	D	-	E	D	S	G	S	T	F	T	A	S	L	N	N	102
4lbb.frg	N	-	-	-	-	-	-	-	-	-	-	-	-	S	C	D	N	C	Q	P	G	T	F	C	R	K	Y	-	-	-	-	-	-	N	P	V	C	S	D	-	E	D	S	G	S	T	F	T	A	S	L	N	N	103		

[illegible]

fas.frg	-	C	R	L	C	D	E	G	H	G	L	E	V	E	I	N	C	T	R	T	Q	N	T	K	C	R	C	K	P	N	F	F	C	N	S	T	V	C	E	H	C	D	P	N	C	A	K	S	E	H	G	152				
tnfr1.frg	N	C	S	L	C	L	N	G	-	-	T	V	H	L	S	-	C	Q	R	E	K	Q	N	T	V	C	N	C	K	H	A	G	F	F	L	R	N	E	N	C	V	S	C	R	I	C	T	K	P	C	S	E	L	K	C	191
sfv-t2.frg	-	-	-	-	-	P	C	T	G	H	L	S	E	S	Q	P	A	C	D	R	T	H	D	R	V	C	N	C	S	T	G	N	Y	C	L	L	K	G	Q	N	G	C	C	R	I	C	A	P	L	R	K	C	129			
tnfr2.frg	-	-	-	-	-	R	C	S	S	D	Q	V	E	T	Q	A	C	T	R	E	S	Q	N	D	R	I	C	T	C	R	P	G	W	Y	C	A	L	S	K	Q	E	G	C	R	I	C	A	P	L	R	K	C	143			
cd40.frg	-	-	-	-	-	-	-	N	Q	G	L	R	V	K	K	E	G	T	A	E	S	T	H	D	R	V	C	N	C	K	E	G	Q	H	C	T	S	K	D	C	E	-	-	-	A	C	A	Q	H	R	T	P	C	125		
osteo.frg	-	-	-	-	-	V	C	K	E	L	O	T	V	K	K	E	C	N	R	T	H	N	D	R	V	C	N	C	K	E	A	E	G	R	Y	-	-	-	L	E	L	E	-	-	F	C	R	I	C	A	C	H	R	V	C	124
ngfr.frg	-	-	-	-	-	V	G	L	Q	S	M	-	-	S	A	P	C	V	E	A	D	D	A	V	C	N	C	K	E	A	E	G	R	Y	-	-	-	Q	D	E	-	-	T	T	G	R	C	C	E	A	C	H	R	V	C	128
ox40.frg	-	-	-	-	-	R	S	G	S	E	L	-	-	K	Q	N	C	T	P	T	E	D	T	V	C	N	C	K	E	-	-	-	-	-	-	-	-	R	P	G	T	Q	P	R	Q	D	S	A	C	H	-	-	116			
4lbb.frg	-	-	-	-	-	V	C	A	G	Y	F	R	F	K	K	F	C	S	S	T	H	N	A	E	C	N	C	K	E	I	E	G	F	H	C	L	G	P	Q	C	T	R	C	-	-	-	-	E	K	D	C	105				

fas.frg	-	-	-	-	I	K	E	C	T	L	T	S	N	T	K	C	K	E	-	-	-	-	-	-	E	G	S	R	S	N	L	-	-	-	G	W	L	C	L	L	L	P	I	L	I	187							
tnfr1.frg	-	-	-	-	T	K	L	C	L	P	Q	I	E	N	V	K	G	K	E	-	-	-	-	-	D	S	G	T	T	V	L	L	-	-	-	V	I	S	F	N	C	L	L	L	P	I	L	I	230				
sfv-t2.frg	P	A	G	Y	G	V	S	-	G	H	T	R	A	G	D	T	L	C	E	K	P	H	T	Y	S	D	S	T	S	P	T	L	R	C	G	T	S	F	N	C	L	L	L	P	I	L	I	178					
tnfr2.frg	R	P	G	F	G	V	A	R	P	A	T	E	T	S	D	V	V	C	K	P	C	A	P	G	T	F	S	N	T	S	S	L	F	E	K	C	R	P	H	Q	I	C	N	V	A	I	P	G	N	193			
cd40.frg	I	P	G	F	G	V	M	E	M	A	T	T	E	T	T	D	T	V	V	C	H	P	C	P	D	G	F	F	S	N	Q	T	S	S	L	F	E	K	C	R	P	H	Q	I	C	N	V	A	I	P	G	N	175
osteo.frg	P	P	G	L	G	V	L	Q	A	G	T	P	R	Q	N	T	V	V	C	E	C	P	D	G	F	F	S	N	Q	T	S	S	L	F	E	K	C	R	P	H	Q	I	C	N	V	A	I	P	G	N	174		
ngfr.frg	E	A	G	S	G	L	V	F	S	C	Q	D	K	L	N	T	V	V	C	E	C	P	D	G	F	F	S	N	Q	T	S	S	L	F	E	K	C	R	P	H	Q	I	C	N	V	A	I	P	G	N	178		
ox40.frg	-	-	-	-	-	-	-	-	-	-	-	K	L	G	V	D	C	C	E	C	P	D	G	F	F	S	N	Q	T	S	S	L	F	E	K	C	R	P	H	Q	I	C	N	V	A	I	P	G	N	152			
4lbb.frg	R	P	G	Q	E	L	T	K	Q	G	-	-	-	-	-	-	C	K	T	C	S	L	G	T	F	N	D	Q	-	N	G	T	G	V	C	R	P	H	Q	I	C	N	V	A	I	P	G	N	147				

fasc.frg	V W V - - - - K R K E V Q K T C R K H R K E N Q G S L E S P T L T N P E - - - - - - - - - - T	219
tnfr1.frg	G L M Y R Y Q R W K S K L Y S I V C G K S T P E K E G E L E G T T T L N P L A P N P S F S P T P L G Y T	280
sfv-t2.frg	P V N - - - - - - - - - - - - E T S C T T T A - - - - G H N E V I K T K E F F T V T L N Y T	207
tnfr2.frg	A S R - - - - - - - - - - D A V C T T S T S P T R S M A P G A V H L P Q P V S T R S Q H T	227
cd40.frg	K Q K - - - - - - - - - - - T S Q T N V I C G L K S R M R - - - - - - A L L V	197
osteo.frg	K Q K - - - - - - - - - - - N A T H D N V C S G N R E A T Q N C G I D V T L C E E A F F R	208
ngfr.frg	E C T R W A D A E C E E I P G R - - W I T R S T T - - P P E G S D S T A P S T P R T S Q L P S T P T L V	224
ox40.frg	H P A S N S V C E D R S L L A T L L W E T Q R T T T F R P T T V P S T T T V W - - - - G H S L Q	202
4lbb.frg	K T G T T E K D V V C G P P V V S F S P S T T T S V T P E G G P G - - - - - - - - - - L Q V L T L F L	191

• • •

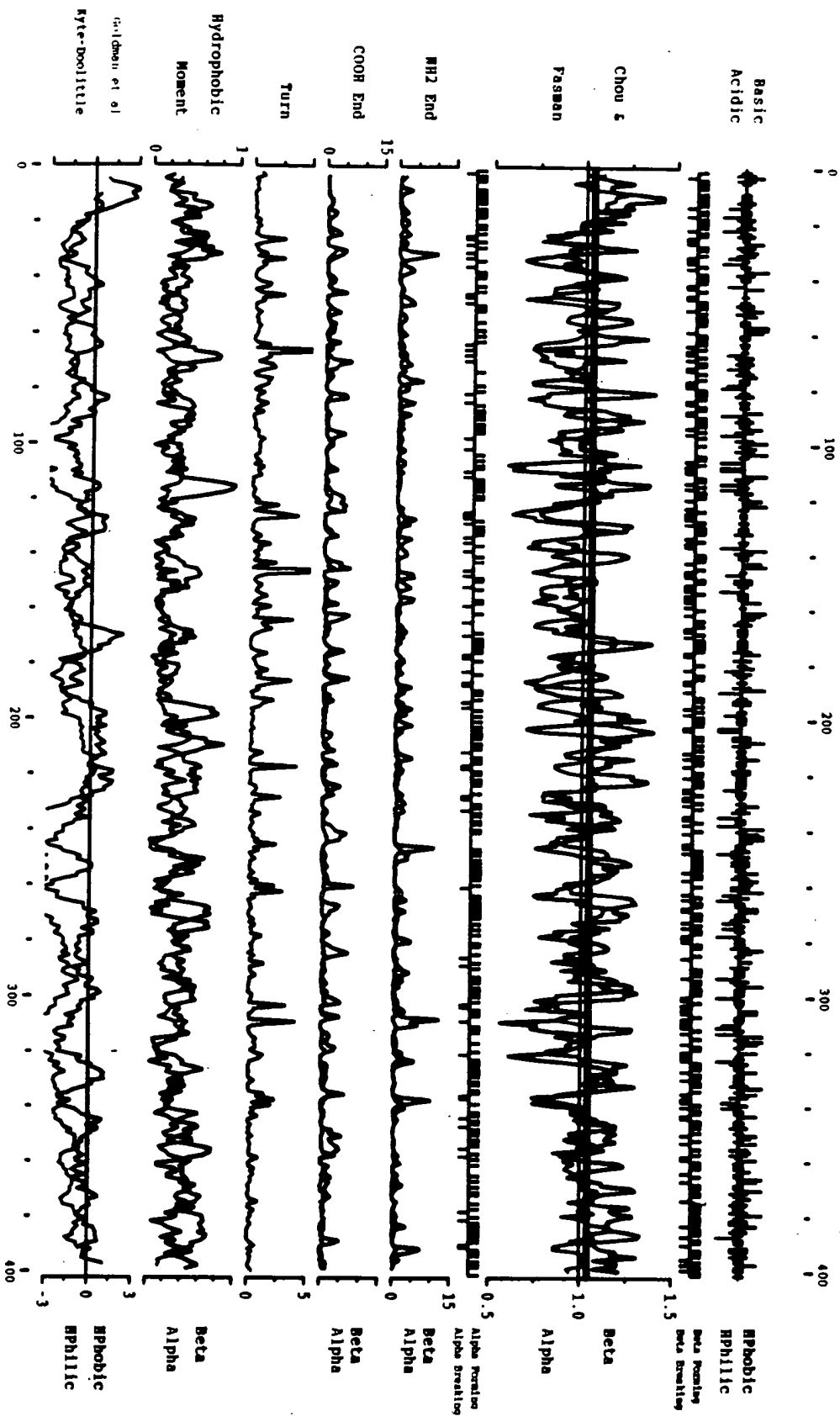


FIGURE 4

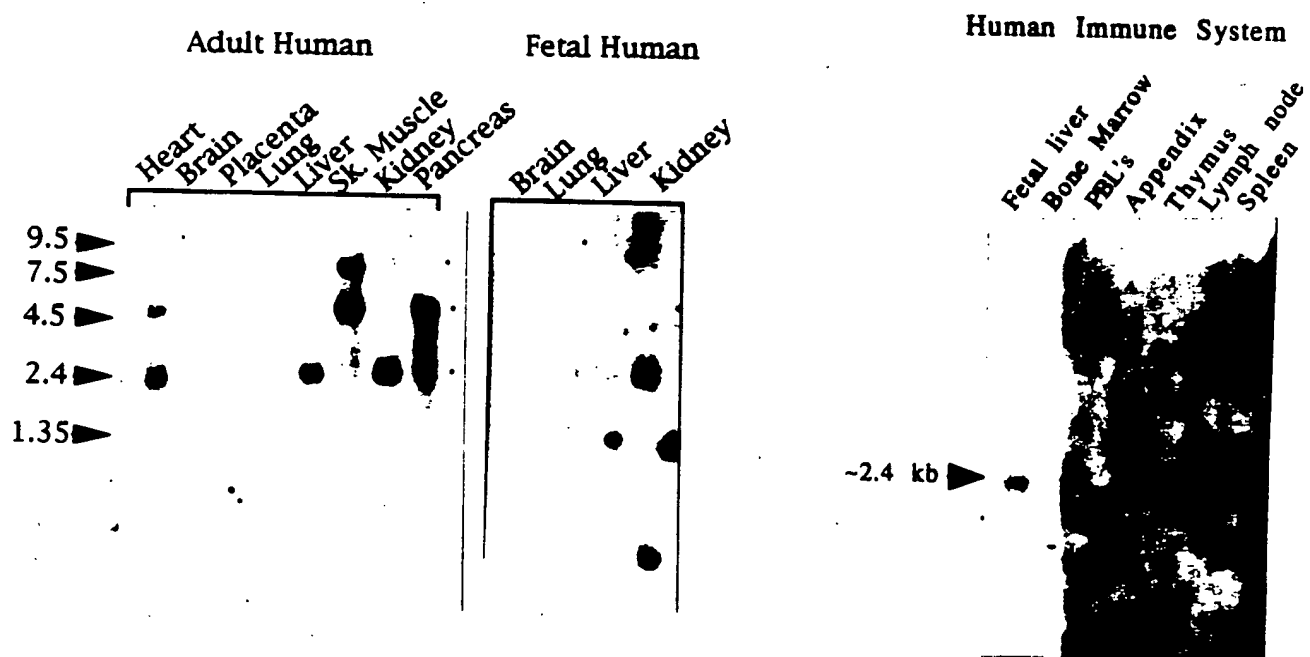


FIGURE 5

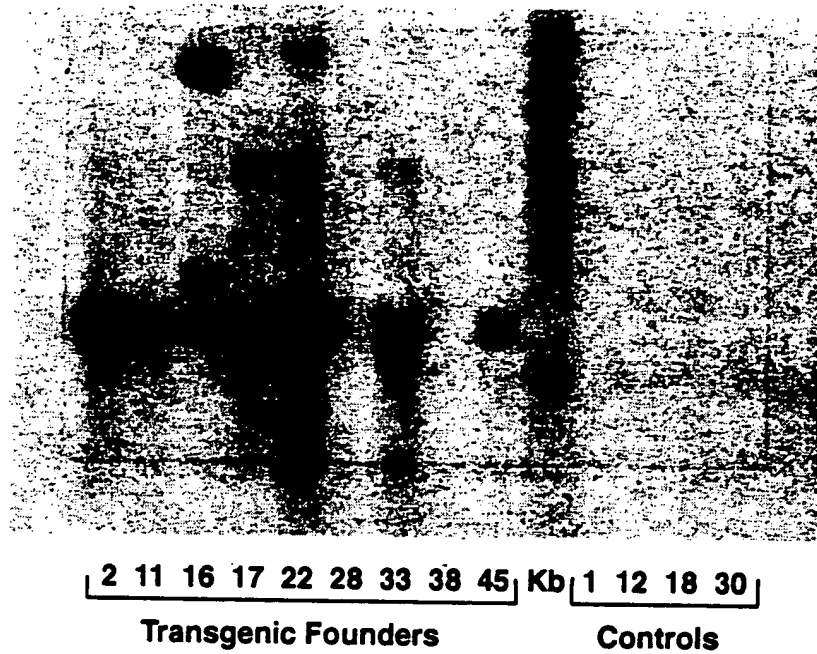


FIGURE 5

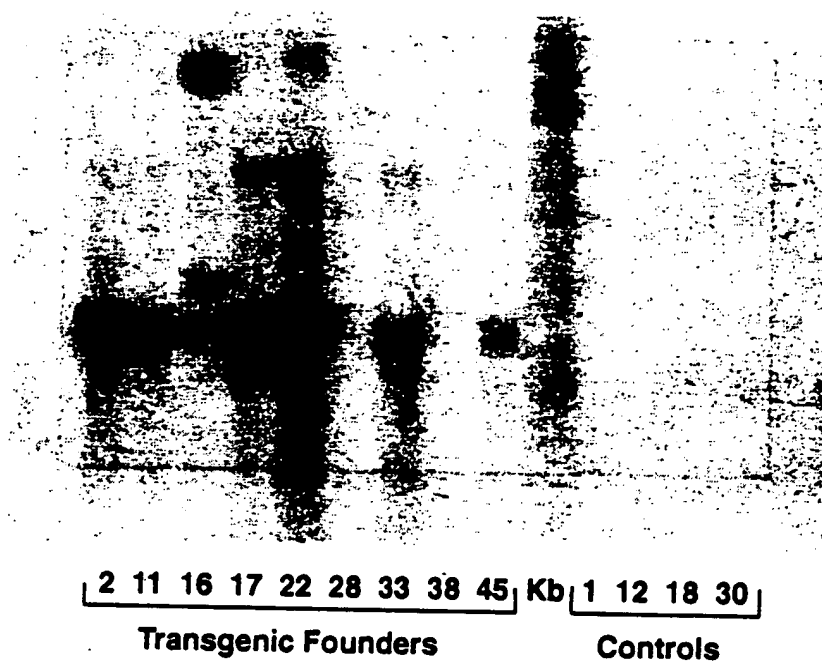


FIGURE 6

PANEL A

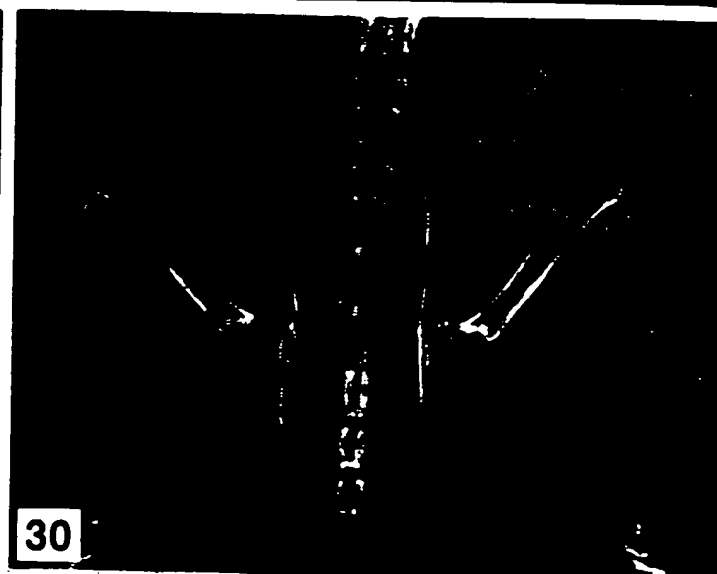
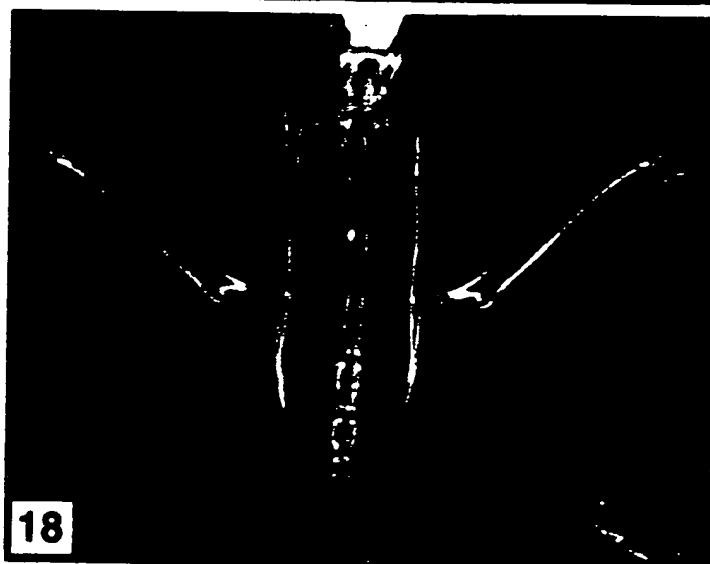
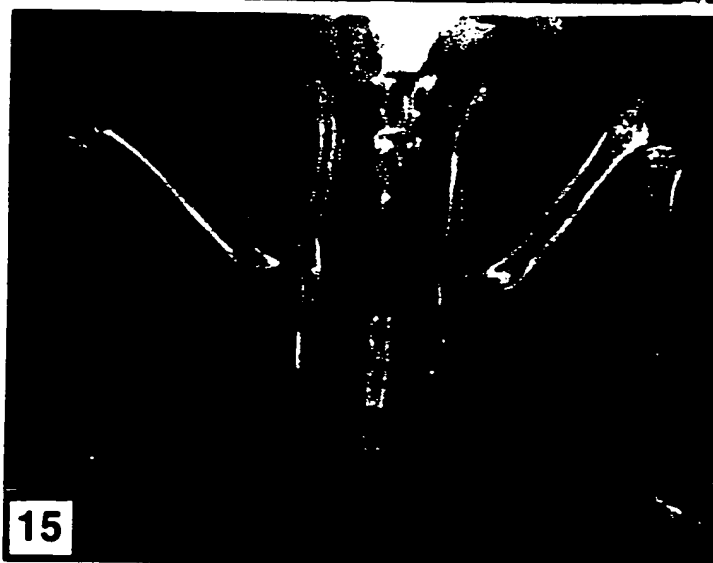
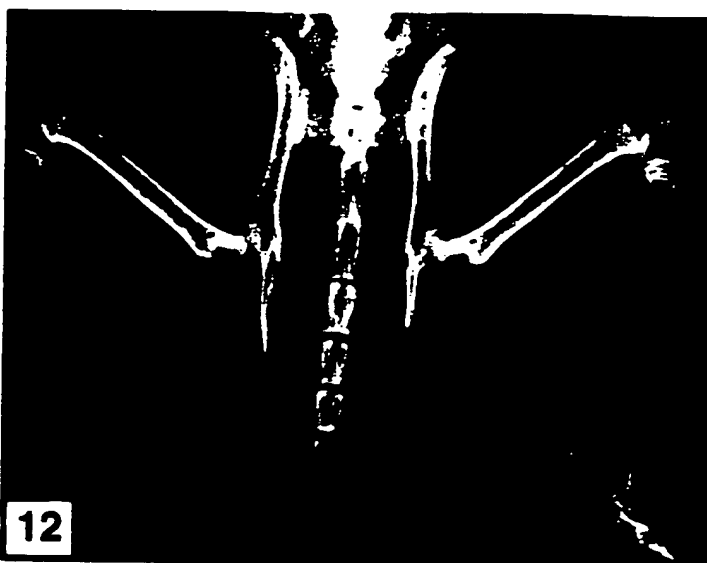


FIGURE 6

PANEL B

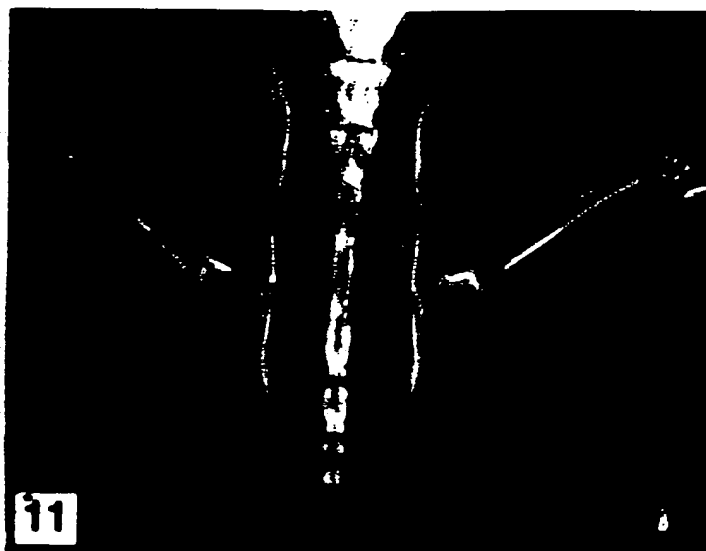
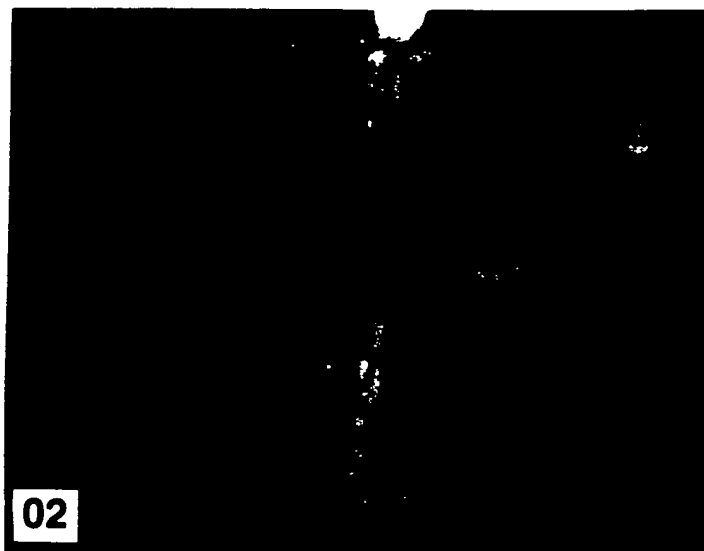


FIGURE 7

PLATE A

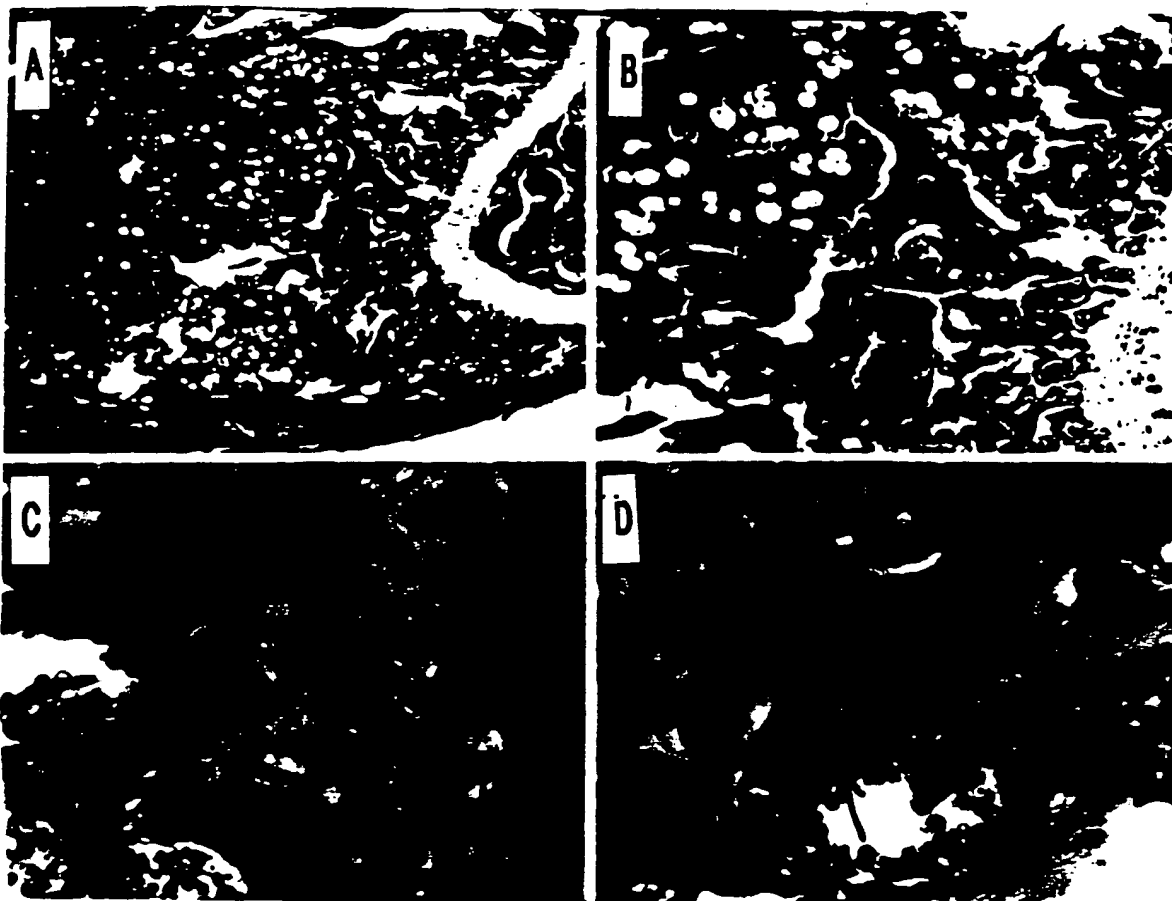


PLATE B

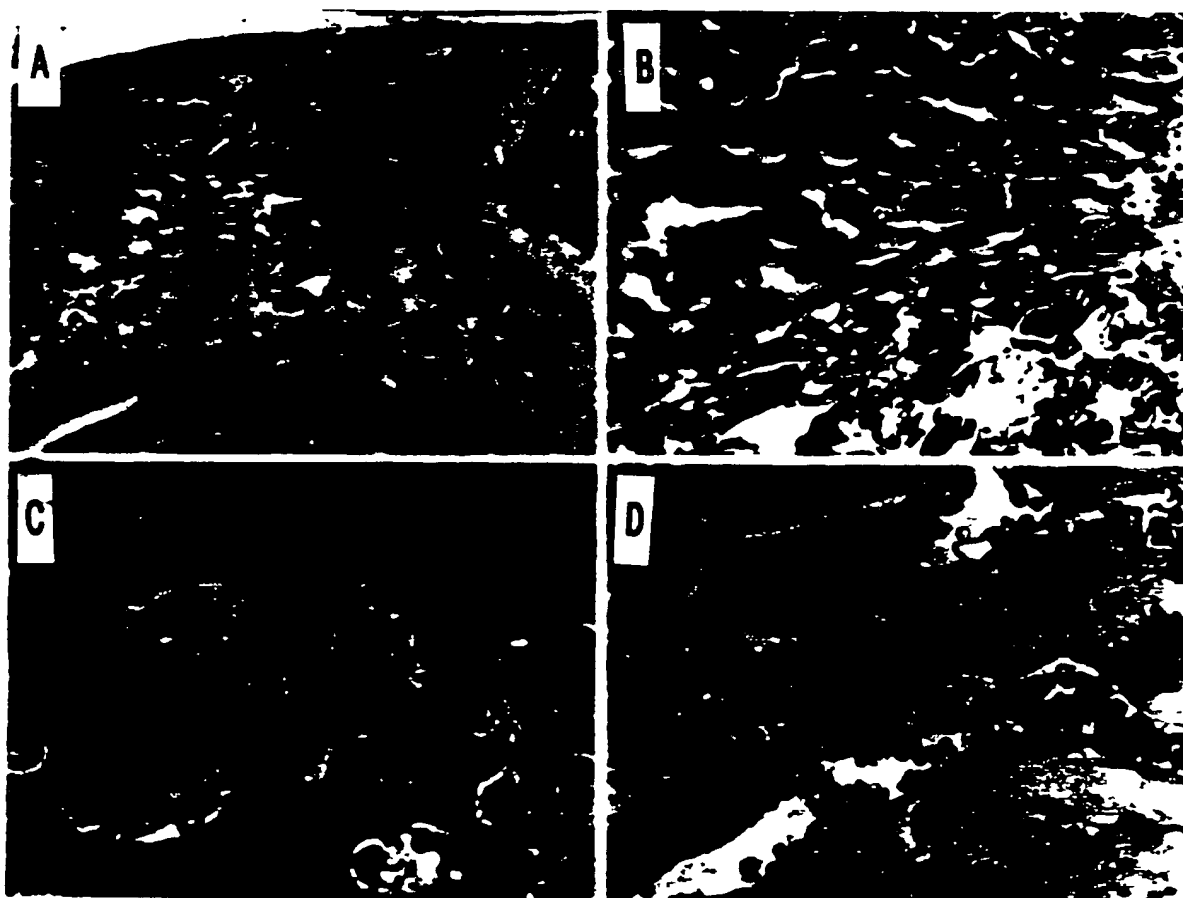


FIGURE 8

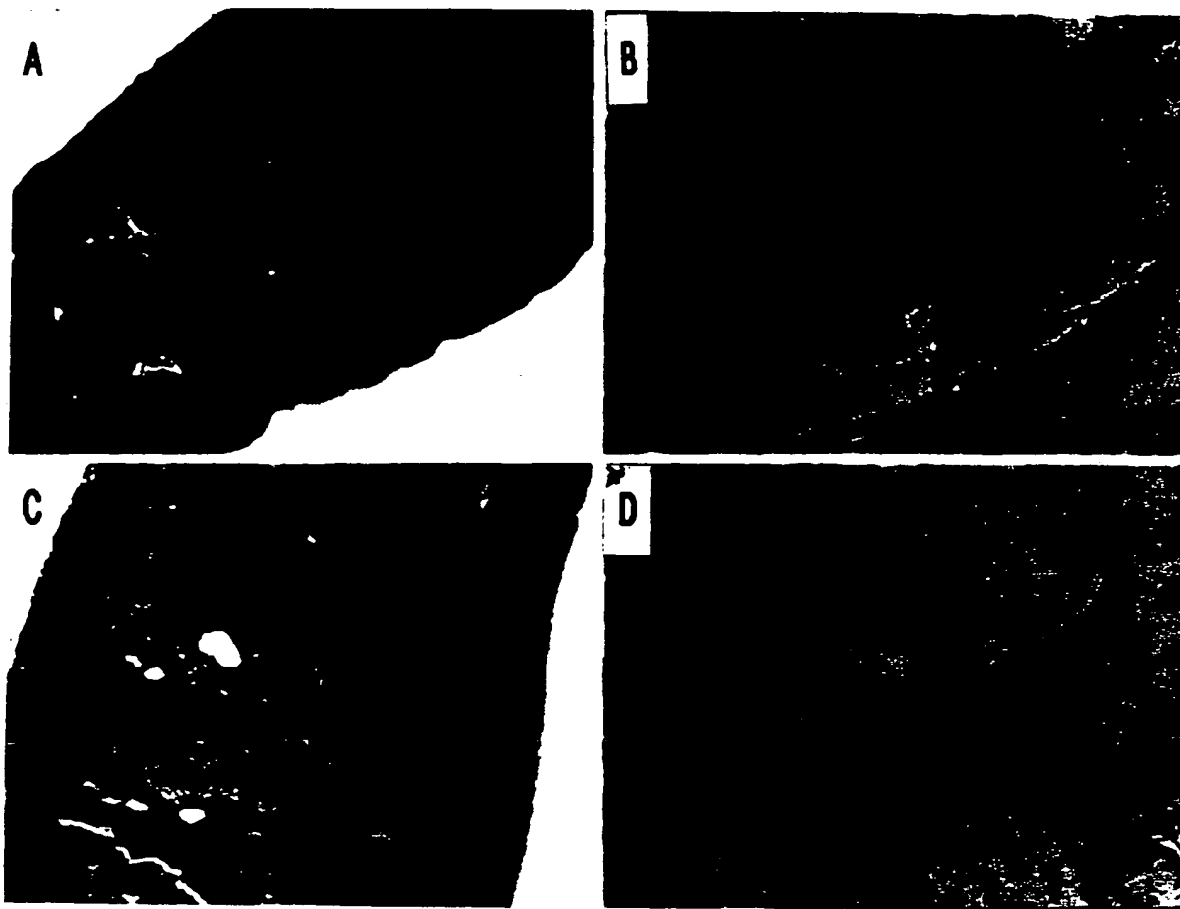


FIGURE 9A

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70          90          110
GCTGCCCTCCTGAGGTTTCCCGAGGACCACAATGAACAAGTGGCTGTGCTGCCACTCCTG
130          150          170
GTGCTCCTGGACATCATTGAATGGACAACCCAGGAAACCTTCCTCCAAAGTACTTGCAT
190          210          230
TATGACCCAGAACTGGTCATCAGCTCCTGTGTGACAAATGTGCTCCTGGCACCTACCTA
250          270          290
AAACAGCACTGCACAGTGAAGGAGGAGACATTGTGTGTCCTTGGCCCTGACCACTCTTAT
310          330          350
ACGGACAGCTGGCACACCACTGATGAGTGTGTATTGACAGCCAGTGTGCAAGGAACTG
370          390          410
CAGTCCGTGAAGCAGGAGTGCAACCGCACCCACAACCGAGTGTGTGAGTGTGAGGAAGGG
430          450          470
CGTTACCTGGAGATCGAATTCTGCTTGAAGCAGCGAGCTGTCCCGCGGGCTCCGGCGTG
490          510          530
GTGCAAGCTGGAACCCAGAGCGAAACACAGTTTGCAAAAAATGTCCAGATGGGTCTTC
550          570          590
TCAGGTGAGACTTCATCGAAAGCACCTGTATAAAACACACGAACTGCAGCACATTGGC
610          630          650
CTCCTGCTAAATCAGAAAGGAAATGCAACACATGACAACGTGTGTCCGGAAACAGAGAA
670          690          710
GCCACGCAAAAGTGTGAATAGATGTCACCTGTGTGAAGAGCGCTTCTCAGGTTTGTCT
730          750          770
GTTCTACCAAGATTATACCAAAATGGCTGAGTGTGTTGGTGGACAGTTTGCCTGGGACC
790          810          830
AAAGTGAATGCCGAGAGTGTAGAGAGGATAAAACGGAGACACAGCTCACAGAGCAAAAC
850          870          890
TTCCAGCTGTGAAGCTGTGGAACATCAAAACAGAGACCAGGAAATGGTGAAGAAGATC
910          930          950
ATCCAAGACATTGACCTCTGTGAAAGCAGCGTGCAGCGGCATCTCGGCCACTCGAACCTC
970          990          1010
ACCACAGAGCAGCTTCTTGCCTTGATGGAGAGCCTGCCTGGGAAGAAGATCAGCCAGAA
1030          1050          1070
GAGATTGAGAGAACGAGAAAGACCTGCAAAATCGAGCGAGCAGCTCTGAAGCTACTCAGT
1090          1110          1130
TTATGGAGGATCAAAAATGGTGACCAAGACACCTTGAAGGGCCTGATGTATGCCCTCAAG
1150          1170          1190
CACTTGAACATCCCACTTTCCTCAAACTGTCAACCCACAGTCTGAGGAAGACCATGAGG
1210          1230          1250
TTCTGCACAGCTTCACAATGTACAGACTGTATCAGAAGCTCTTTTGTAGAAATGATAGGG
1270          1290          1310
AATCAGGTTCAATCCGTGAAAAATAAGCTGCTTATAACTAGGAATGGTCACTGGGCTGTTT
1330          1350          1370
N Q V Q S V R I S C L
CTTCA

```

FIGURE 9B

```

10          30          50
GTATATATAACGTGATGAGCGTACGGGTGCGGAGACGACCGGAGCGCTCGCCCAGCCGC
70          90          110
CGYCTCCAAGCCCCCTGAGGTTTCGGGGACCACAAATGAACAAGTTGCTGTGCTGCGCGCT
          M N K L L C C A L
130          150          170
CGTGTTCCTGGACATCTCCATTAAGTGACCACCCAGGAAACGTTTCCTCCAAAGTACCT
V F L D I S I K W T T O E T F P P K Y L
190          210          230
TCATTATGACGAAGAAACCTCTCATCAGCTGTTGTGTGACAAATGTCCTCTGGTACCTA
H Y D E E T S H Q L L C D K C P P G T Y
250          270          290
CCTAAACAACACTGTACAGCAAAGTGAAGACCGTGTGCGCCCTTGCCCTGACCACTA
L K Q H C T A K W K T V C A P C P D H Y
310          330          350
CTACACAGACAGCTGGCACACCACTGACGAGTGTCTATACTGCAGCCCCGTGTGCAAGGA
Y T D S W H T S D E C L Y C S P V C K E
370          390          410
GCTGCAGTACGTCAAGCAGGAGTGAATCGCACCCACAACCGGTGTGCAATGCAAGGA
L Q Y V K Q E C M R T H N R V C E C K E
430          450          470
AGGGCGCTACCTTGAGATAGAGTTCTGCTTGAAACATAGGAGCTGCCCTCTGGATTGG
G R Y L E I E F C L K H R S C P P G F G
490          510          530
AGTGGTGAAGCTGGAACCCAGAGCGAAATACAGTTTGCAAAAGATGTCCAGATGGGTT
V V Q A G T P E R N T V C K R C P D G F
550          570          590
CTTCTCAAATGAGACGTCTCTAAAGCACCTGTAGAAAACACACAAATTCAGTGTCTT
F S M E T S S K A P C R K H T M C S V P
610          630          650
TGGTCTCTCTAACTCAGAAAGGAAATGCAACACACGACAACATATGTTCCGGAACAG
G L L L T Q K G M A T H D N I C S G N S
670          690          710
TGAATCAACTCAAAAATGTGGAATAGATGTTACCCTGTGTGAGGAGGCACTTCTCAGGTT
E S T Q K C G I D V T L C E E A F F R F
730          750          770
TGCTGTTCCTACAAAGTTTACGCCTAAGTGGCTTAGTGTCTTGGTAGACAATTTCCTGG
A V P T K F T P N W L S V L V D N L P G
790          810          830
CACCAAAGTAAACGCAGAGAGTGTAGAGAGGATAAAACGGCAACACAGCTCACAAGAACA
T K V N A E S V E R I K R Q H S S Q E Q
850          870          890
GACTTTCAGCTGCTGAAGTTATGGAAACATCAAAACAAAGACCAAGATATAGTCAAGAA
T F Q L L K L W K H Q N K D Q D I V K K
910          930          950
GATCATCCAAGATATTGACCTCTGTGAAAAACAGCGTGCAGCGGCACATTGGACATGCTAA
I I Q D I D L C E N S V Q R H I G H A M
970          990          1010
CCTCACCTTCGAGCAGCTTCGTAGCTTGATGGAAGCTTACCGGGAAGAAAGTGGGAGC
L T F E Q L R S L M E S L P G K K V G A
1030          1050          1070
AGAAGACATTGAAAAACAATAAAGGCATGCAAAACCCAGTGACCAGATCCTGAAGCTGCT
E D I E K T I K A C K P S D Q I L K L L
1090          1110          1130
CAGTTTGTGGCGAATAAAAAATGGCGACCAAGACACCTTGAAGGGCCTAATGCACGCACT
S L W R I K N G D Q D T L K G L M H A L
1150          1170          1190
AAAGCACTCAAGACGTACCACTTTCCTCAAACTGTCACTCAGAGTCTAAAGAAGACCAT
K H S K T Y H P P K T V T Q S L K K T I
1210          1230          1250
CAGGTTCCCTTCACAGCTTCACAATGTACAAATGTATCAGAAGTTATTTTAGAAATGAT
R F L H S F T M Y K L Y Q K L F L E M I
1270          1290          1310
AGGTAACCAAGTCCAATCAGTAAAAATAAGCTGCTTATAACTGGAATGGCCATTGAGCT
G N Q V Q S V K I S C L
1330          1350
GTTTCCTCACAAATTGGCGAGATCCCATGGATGATAA

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FIGURE 9C

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 ,atosteo.frg M N K W L C C A L L V L L D I I E W T T O E T F P P K Y L H Y D P E T G R Q L L C D K C A P G T Y L 50
 huosteo.frg M N K L L C C A L V F L D I S I K W T T O E T F P P K Y L H Y D E E T S H Q L L C D K C P P G T Y L 50

muosteo.frg K Q H C T V R R K T L C V P C P D H S Y T D S W H T S D E C V Y C S P V C K E L Q S V K Q E C N R T 100
 ,atosteo.frg K Q H C T V R R K T L C V P C P D Y S Y T D S W H T S D E C V Y C S P V C K E L Q T V K Q E C N R T 100
 huosteo.frg K Q H C T A K W K T V C A P C P D H Y Y T D S W H T S D E C L Y C S P V C K E L Q Y V K Q E C N R T 100

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 ,atosteo.frg H N R V C E C E E G R Y L E I E F C L K H R S C P P G L G V L Q A G T P E R N T V C K R C P D G F F 150
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 huosteo.frg S N E T S S K A P C R K H T N C S V F G L L L T Q K G N A T H D N I C S G N S E S T O K C G I D V T 200

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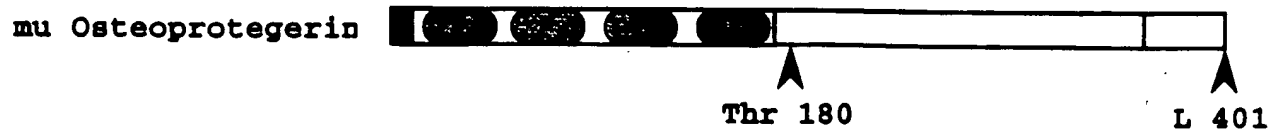
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 ,atosteo.frg F Q L L L K L W K H Q N R D Q E M V K K I I Q D I D L C E S S V Q R H I G H A N L T T E Q L R I L M E 300
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 ,atosteo.frg S L P G K K I S P D E I E R T R K T C K P S E Q L L K L L S L W R I K N G D Q D T L K G L M Y A L K 350
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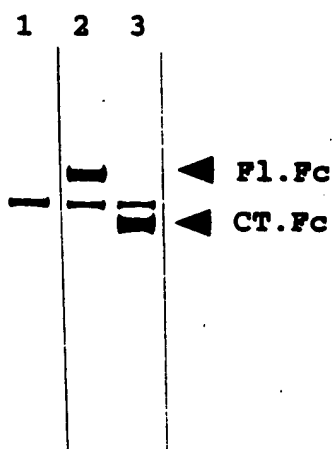
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 ,atosteo.frg H L K A Y H F P K T V T H S L R K T I R F L H S F T M Y R L Y O K L F L E M I G N Q V Q S V K I S C 400
 huosteo.frg H S K T Y H F P K T V T Q S L K K T I R F L H S F T M Y R L Y O K L F L E M I G N Q V Q S V K I S C 400

muosteo.frg L 401
 ,atosteo.frg L 401
 huosteo.frg L 401

Figure 10A



10B



10C

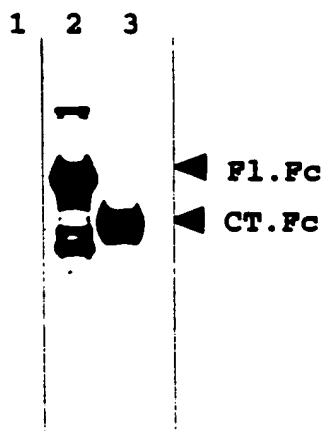


Figure 11A

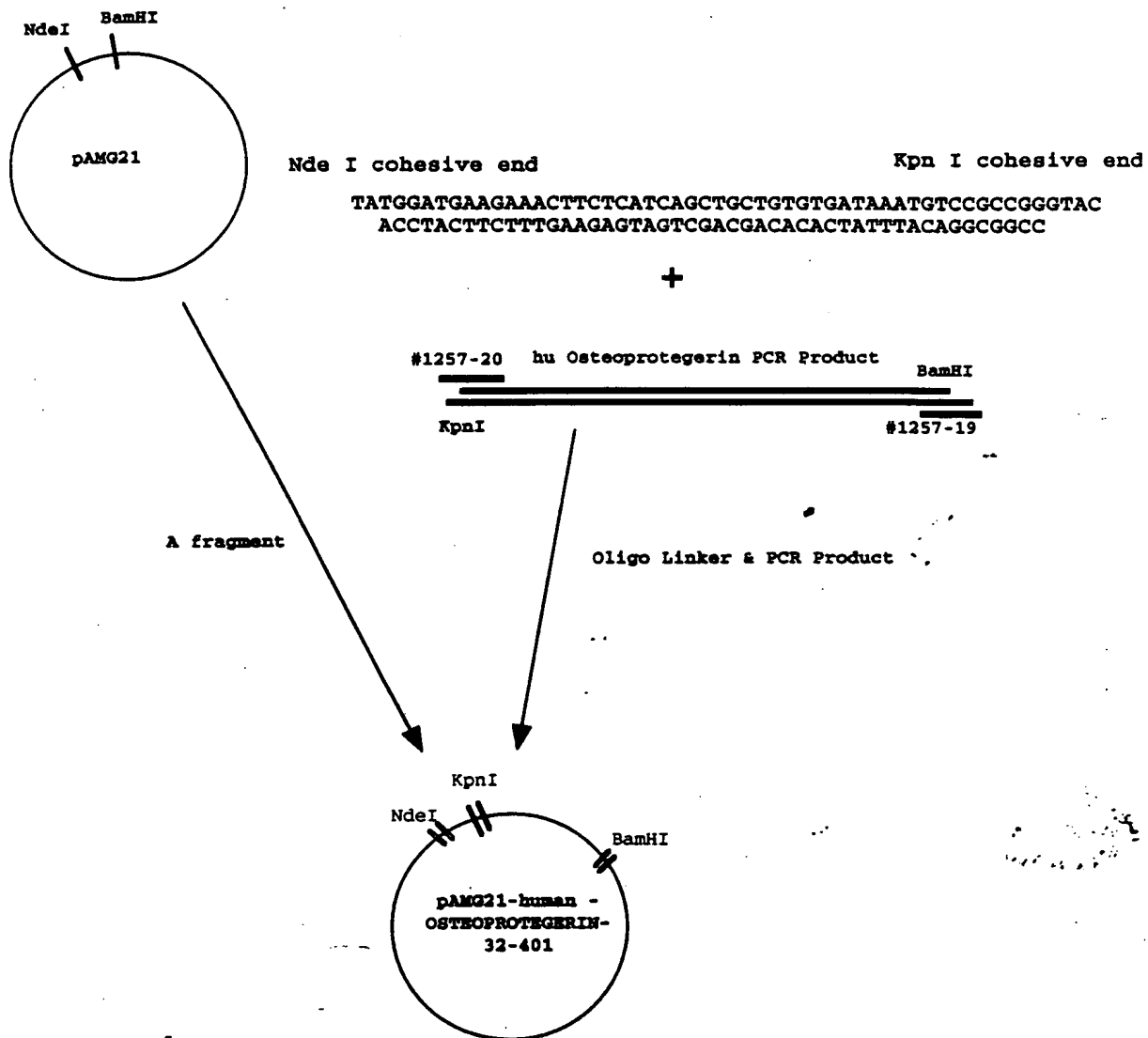
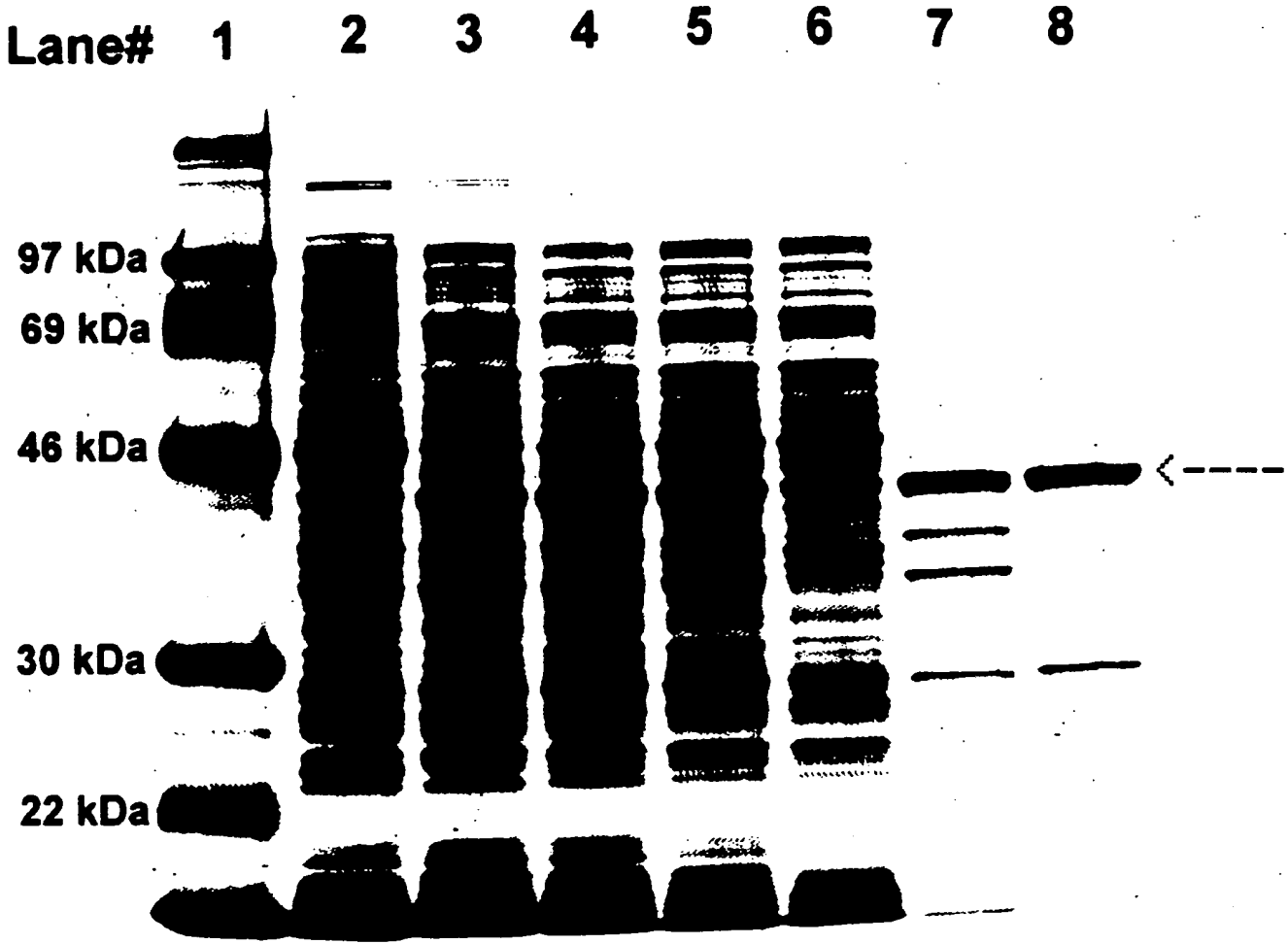


FIGURE 11B



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